

FIG.1

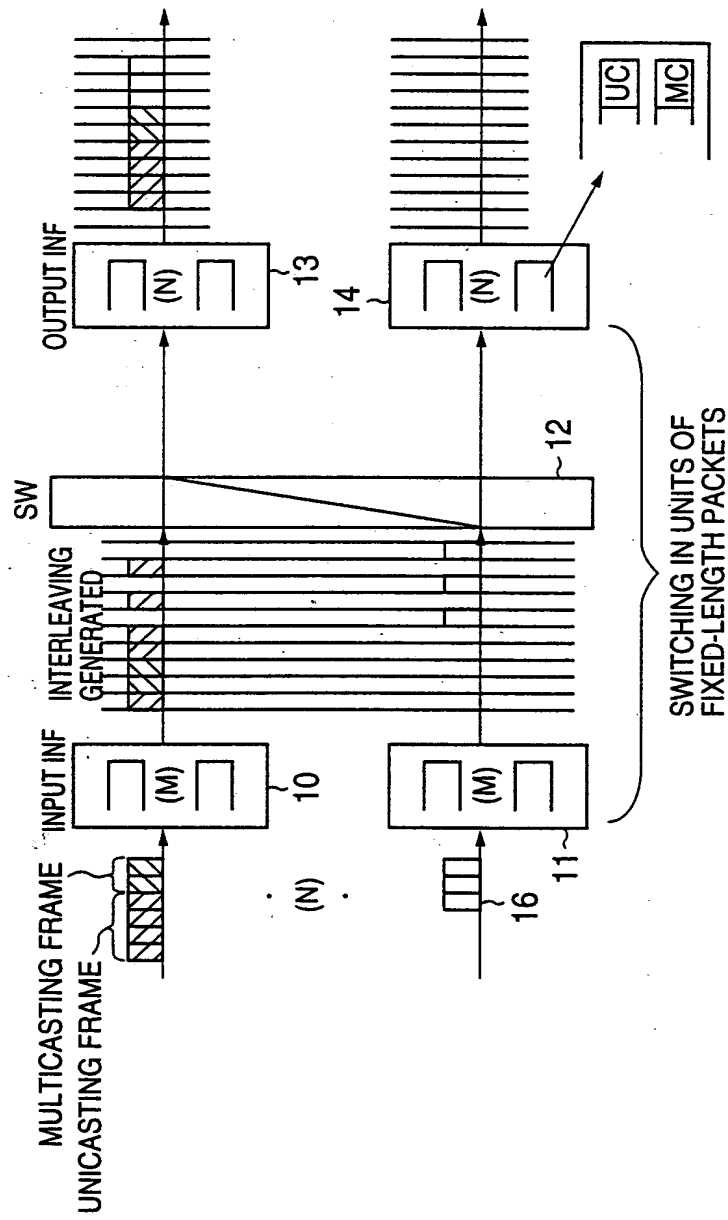


FIG.2

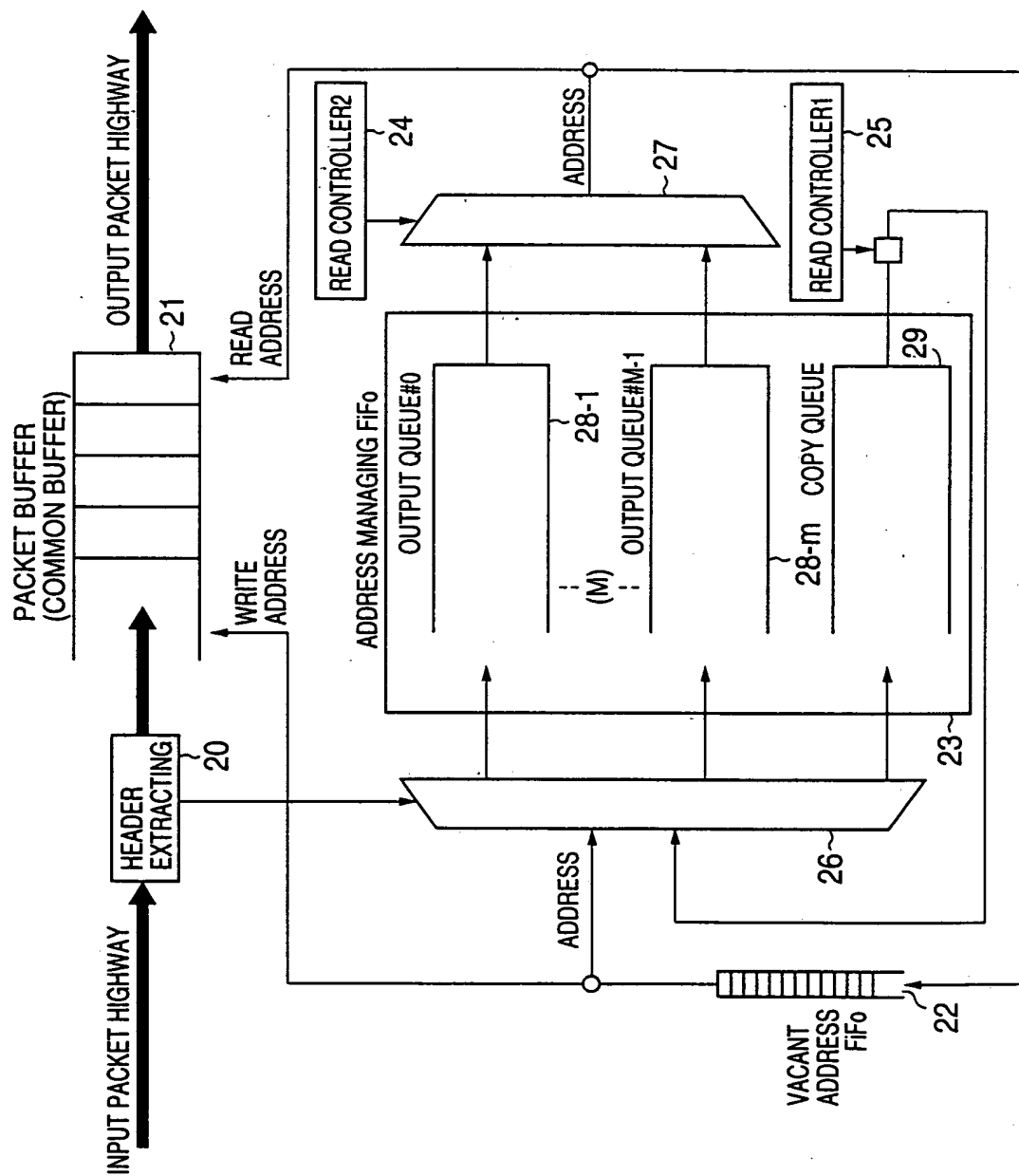


FIG. 3

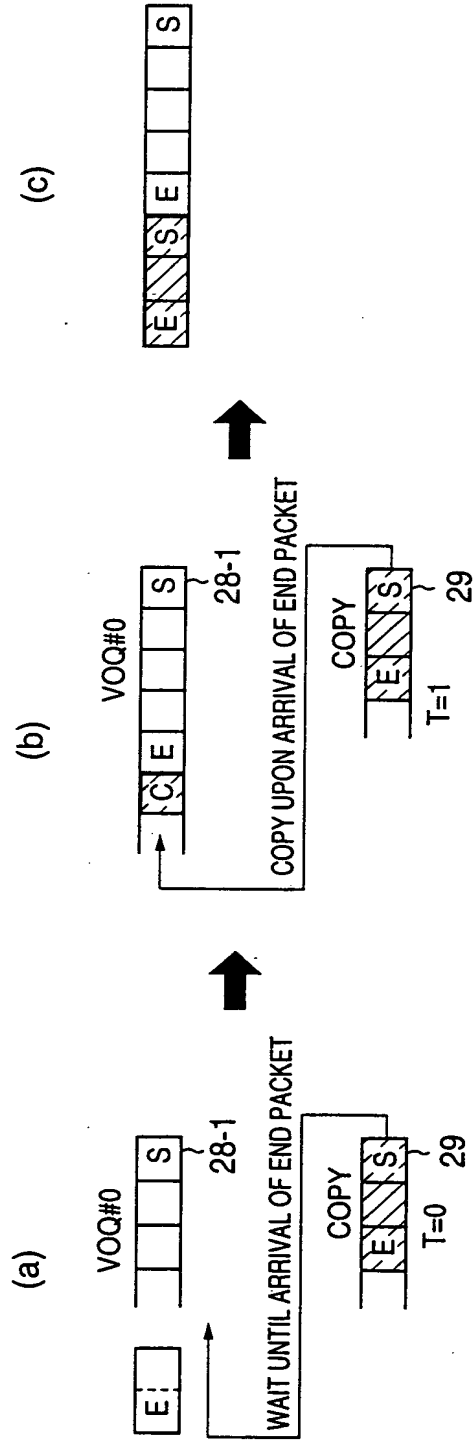


FIG.4

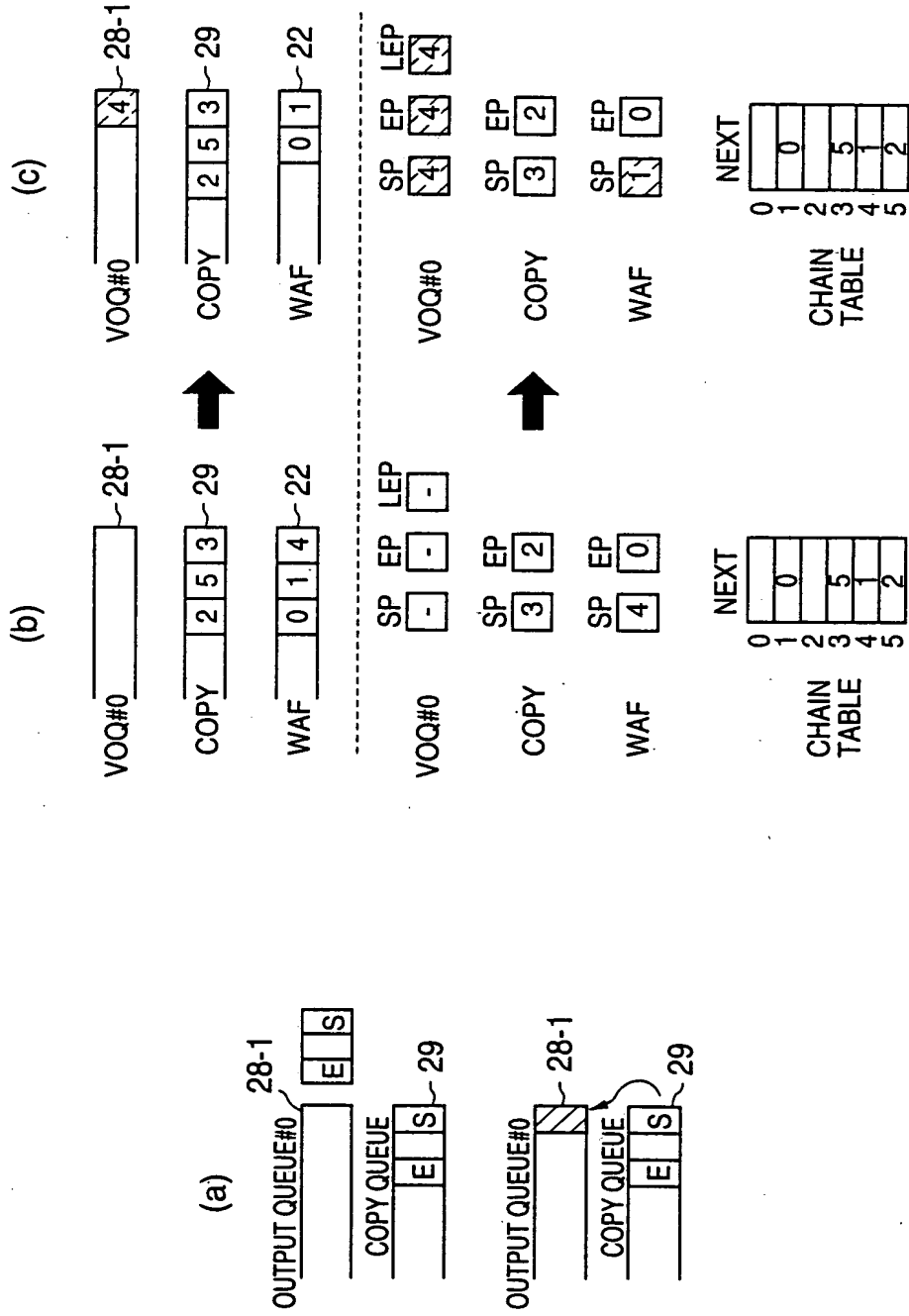
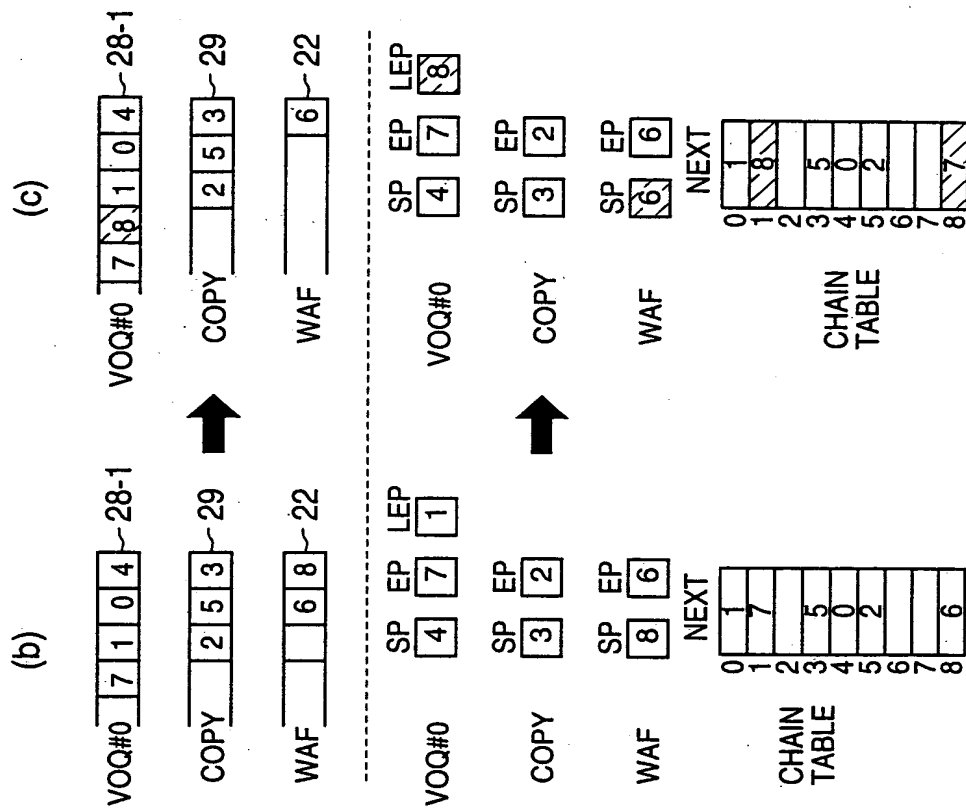


Diagram illustrating the state of the output queue and copy queue after the first copy operation. The output queue (OUTPUT QUEUE#0) contains 'S' in the 28th position and 'S' in the 29th position. The copy queue (COPY QUEUE) contains 'E' in the 28th position and 'S' in the 29th position. An arrow points from the 'S' in the 28th position of the copy queue to the 28th position of the output queue, which is now shaded.



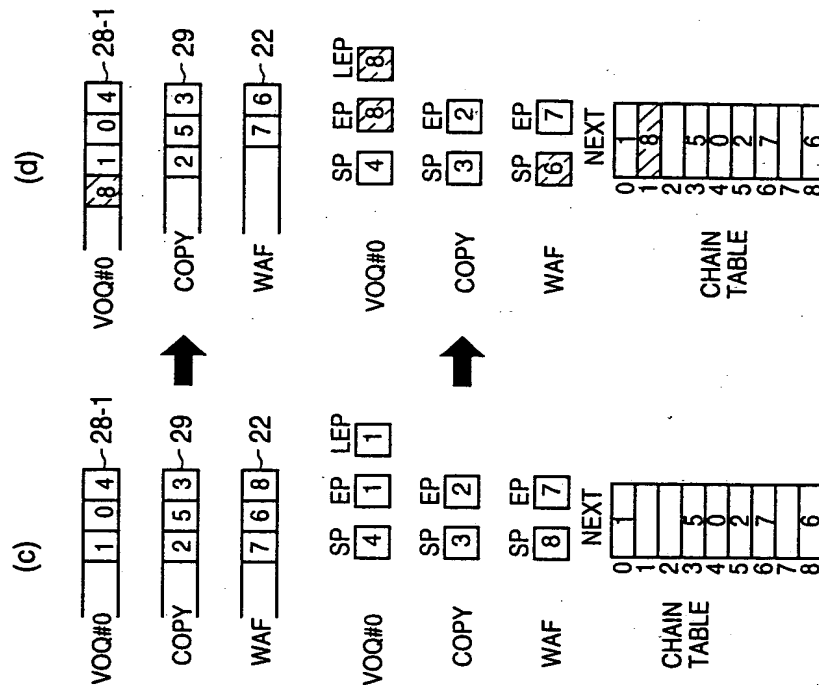
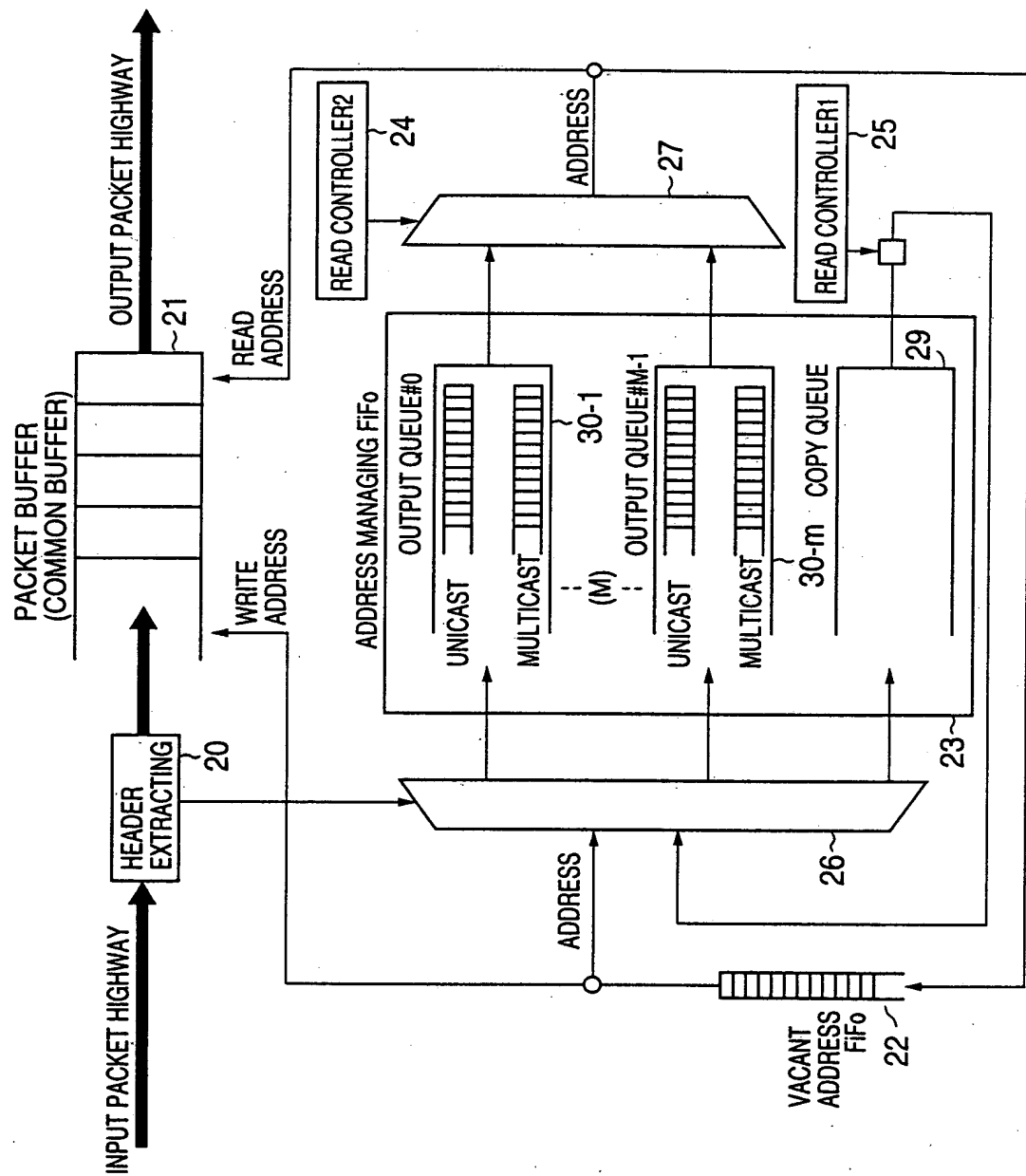
[illegible]

FIG. 7



Group	Year	Age	Sex	Height (cm)	Weight (kg)	Heart rate (b/min)	Stroke volume (ml)	Cardiac output (l/min)	Maximal oxygen consumption (ml/min)	Maximal oxygen consumption (ml/min/kg)
1	1970	20	M	175	70	160	120	19.2	3.5	20.5
2	1970	20	F	165	55	150	100	15.0	3.0	18.0
3	1970	20	M	170	65	155	110	17.0	3.2	19.0
4	1970	20	F	160	50	145	90	13.5	2.8	16.5
5	1970	20	M	172	68	158	115	18.0	3.3	19.5
6	1970	20	F	162	52	148	95	14.0	2.9	17.0
7	1970	20	M	174	72	160	125	20.0	3.6	21.0
8	1970	20	F	164	54	152	105	16.0	3.1	18.5
9	1970	20	M	171	66	156	112	17.5	3.2	19.2
10	1970	20	F	161	51	146	92	13.0	2.7	16.0
11	1970	20	M	173	69	159	118	18.5	3.4	20.0
12	1970	20	F	163	53	149	102	15.5	3.0	17.5
13	1970	20	M	176	74	162	130	21.0	3.7	21.5
14	1970	20	F	166	56	154	108	16.5	3.1	18.0
15	1970	20	M	177	76	164	135	22.0	3.8	22.0
16	1970	20	F	167	58	156	110	17.0	3.2	19.0
17	1970	20	M	178	78	166	140	23.0	3.9	23.0
18	1970	20	F	168	60	158	115	18.0	3.3	20.0
19	1970	20	M	179	80	168	145	24.0	4.0	24.0
20	1970	20	F	169	62	160	120	19.0	3.4	21.0
21	1970	20	M	180	82	170	150	25.0	4.1	25.0
22	1970	20	F	170	64	162	125	20.0	3.5	22.0
23	1970	20	M	181	84	172	155	26.0	4.2	26.0
24	1970	20	F	171	66	164	130	21.0	3.6	23.0
25	1970	20	M	182	86	174	160	27.0	4.3	27.0
26	1970	20	F	172	68	166	135	22.0	3.7	24.0
27	1970	20	M	183	88	176	165	28.0	4.4	28.0
28	1970	20	F	173	70	168	140	23.0	3.8	25.0
29	1970	20	M	184	90	178	170	29.0	4.5	29.0
30	1970	20	F	174	72	170	145	24.0	3.9	26.0



FIG.9

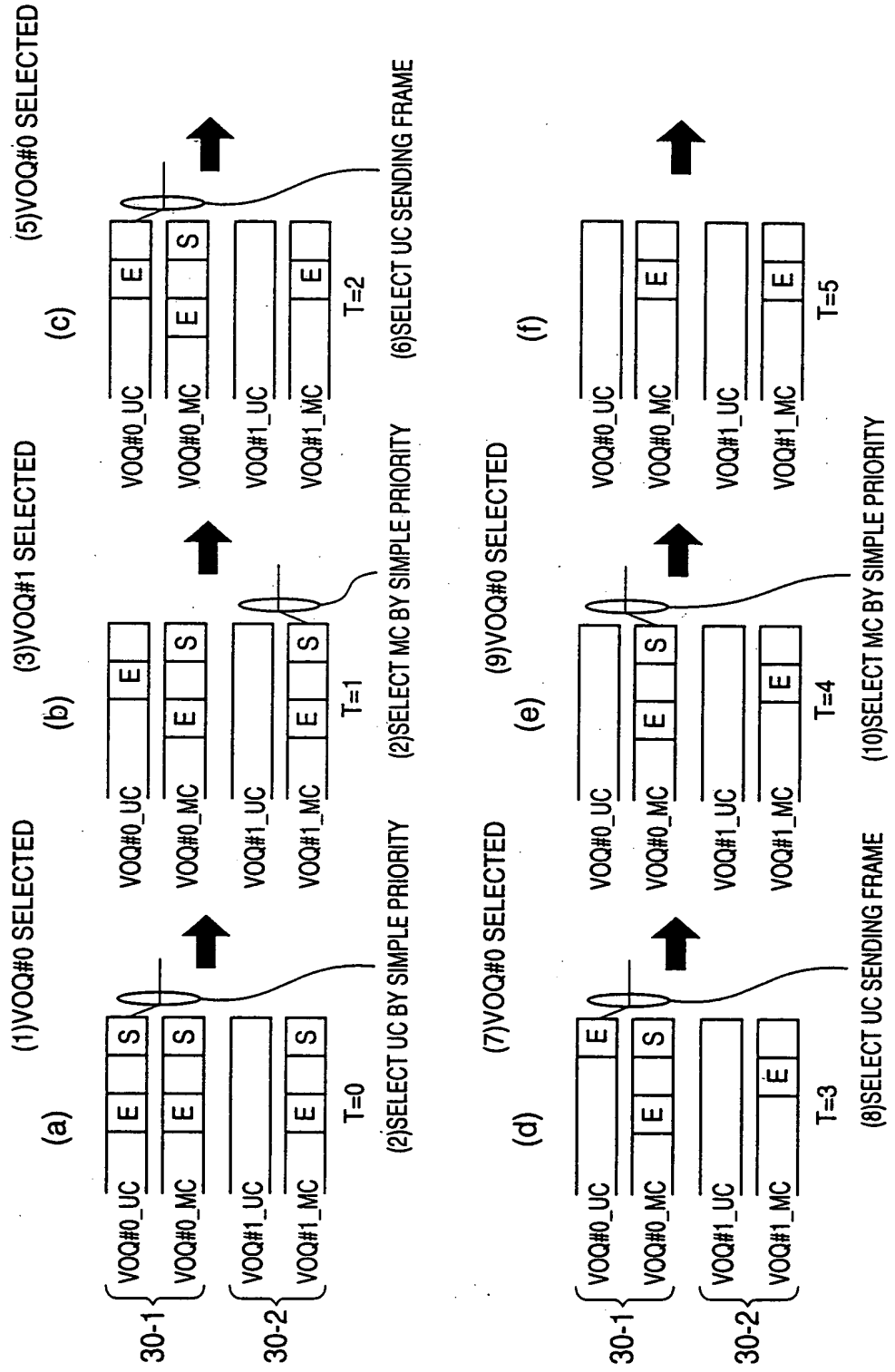


FIG.10

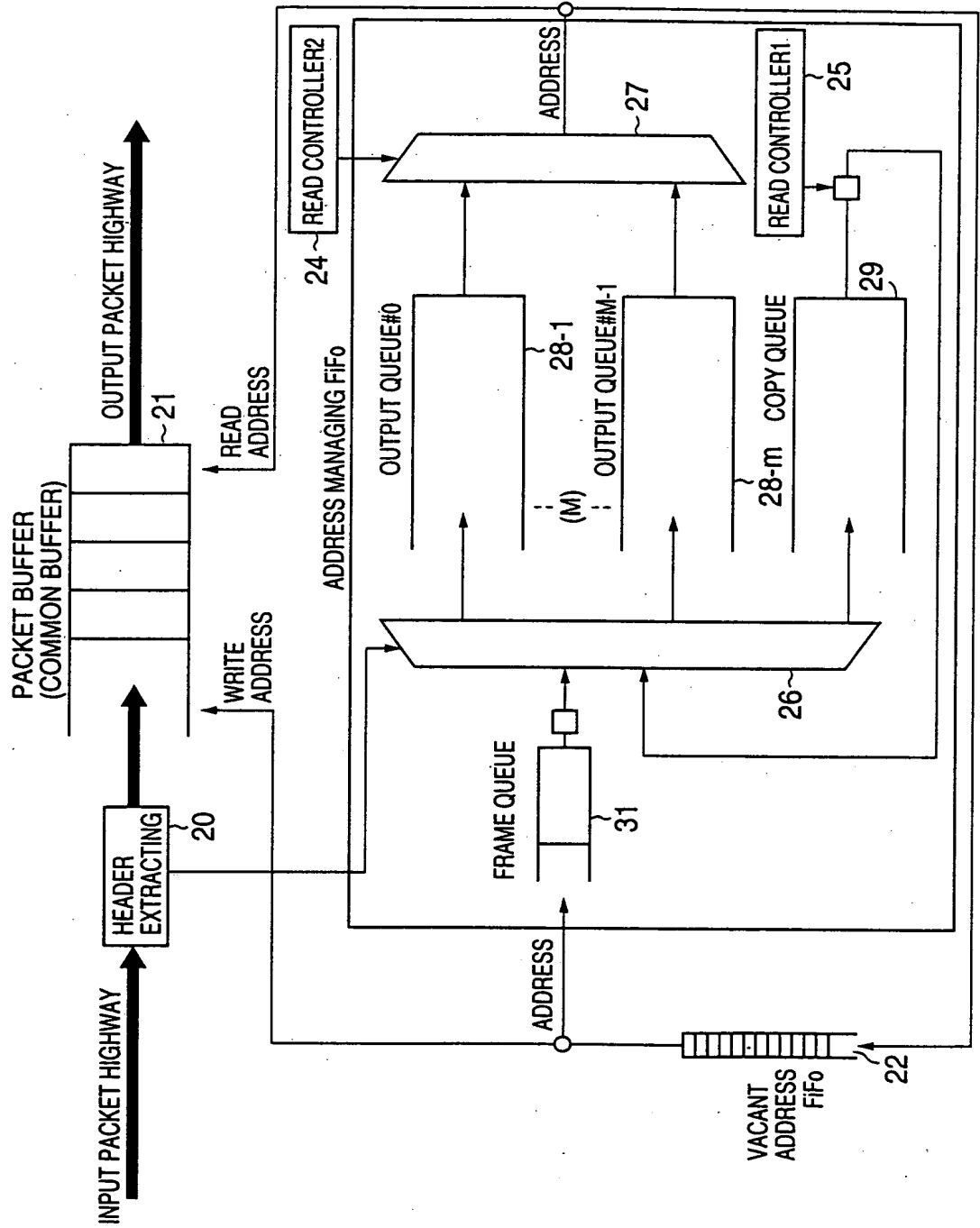
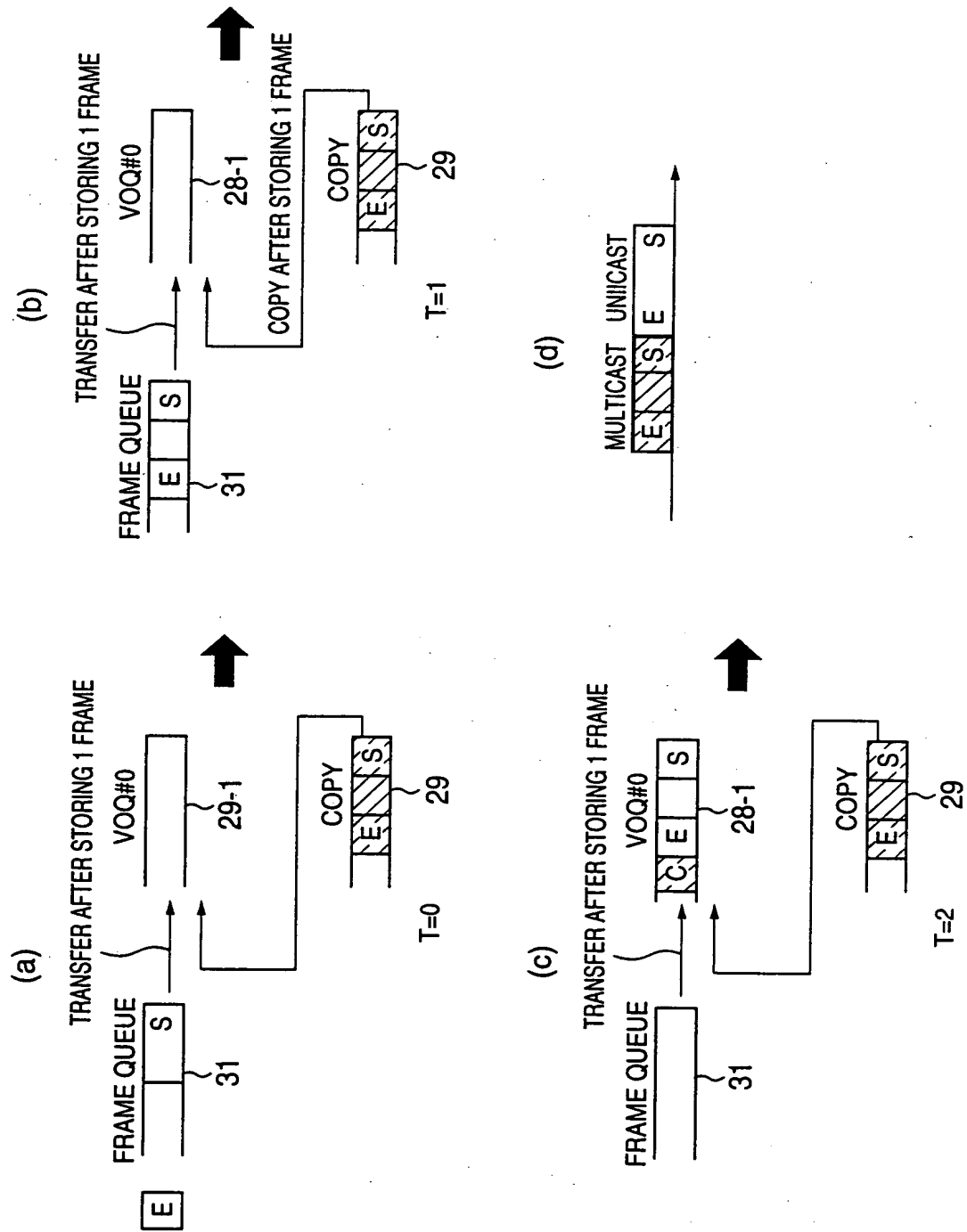


FIG.11



[illegible]

FIG.13

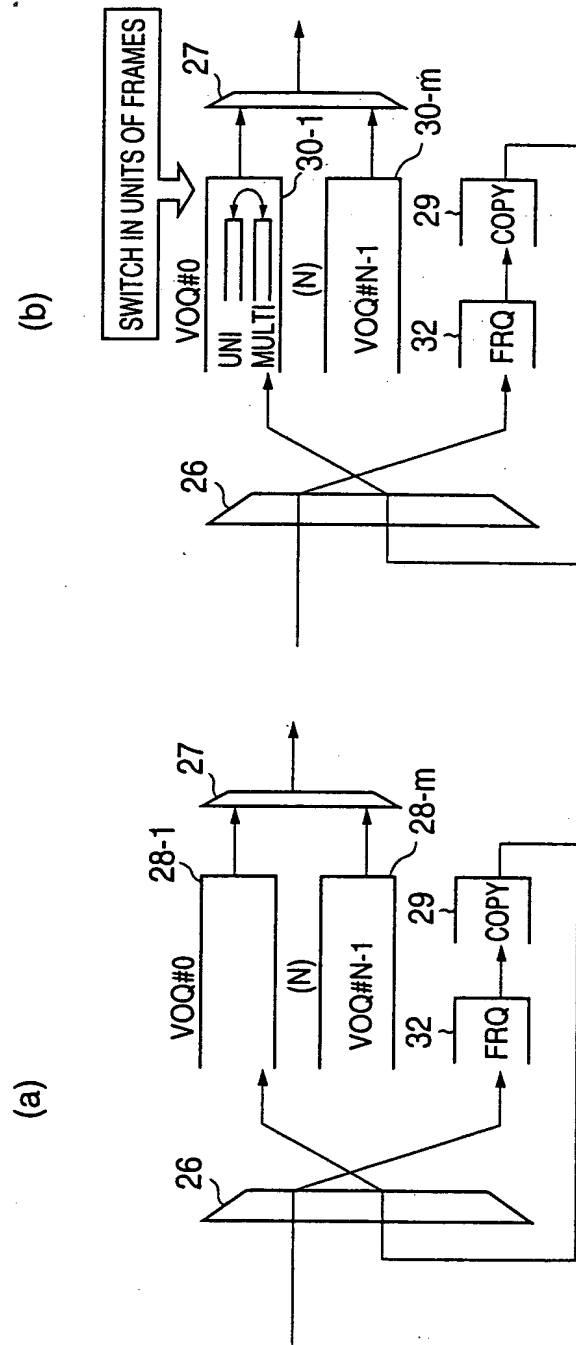


FIG.14

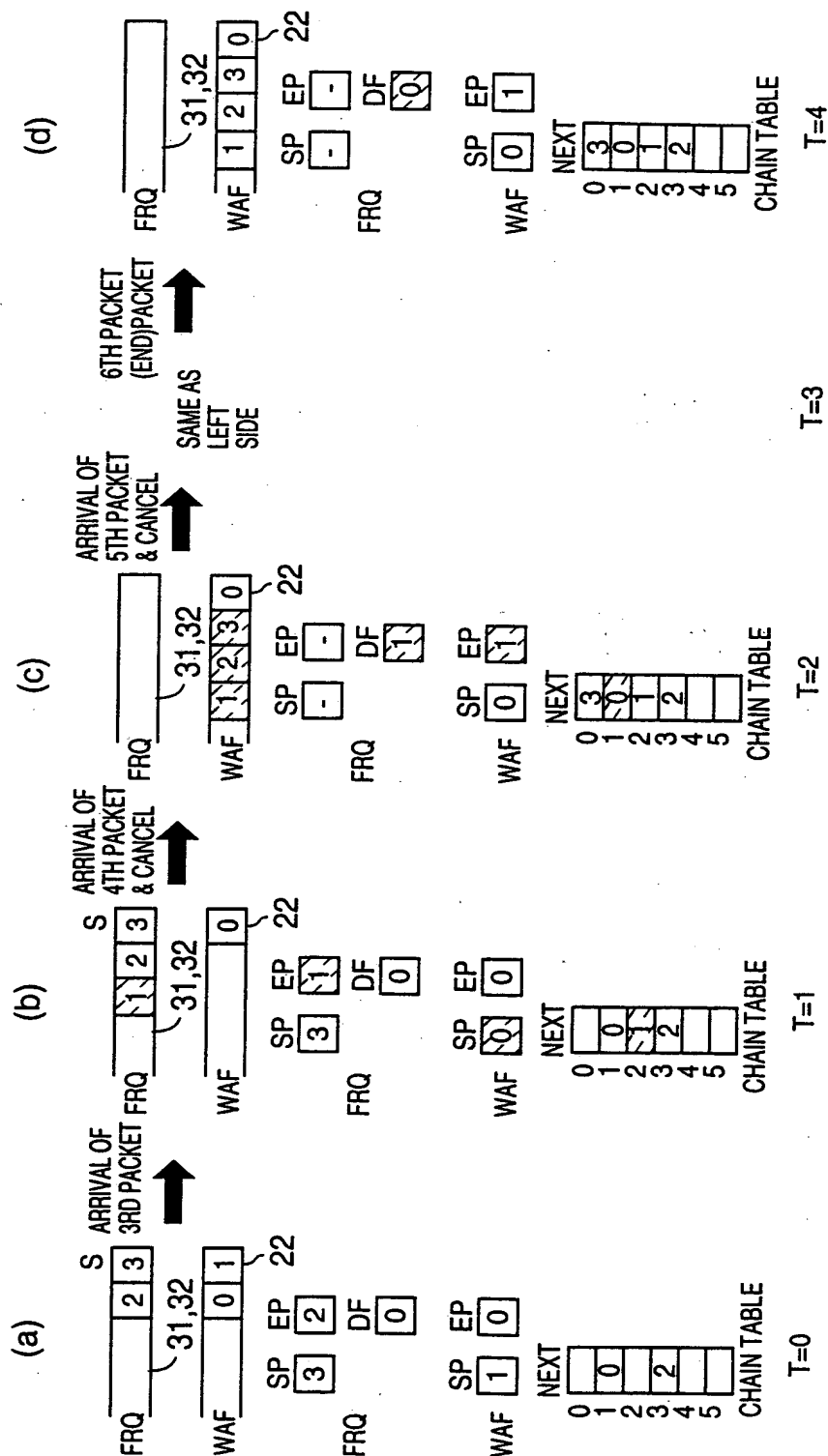


FIG.15

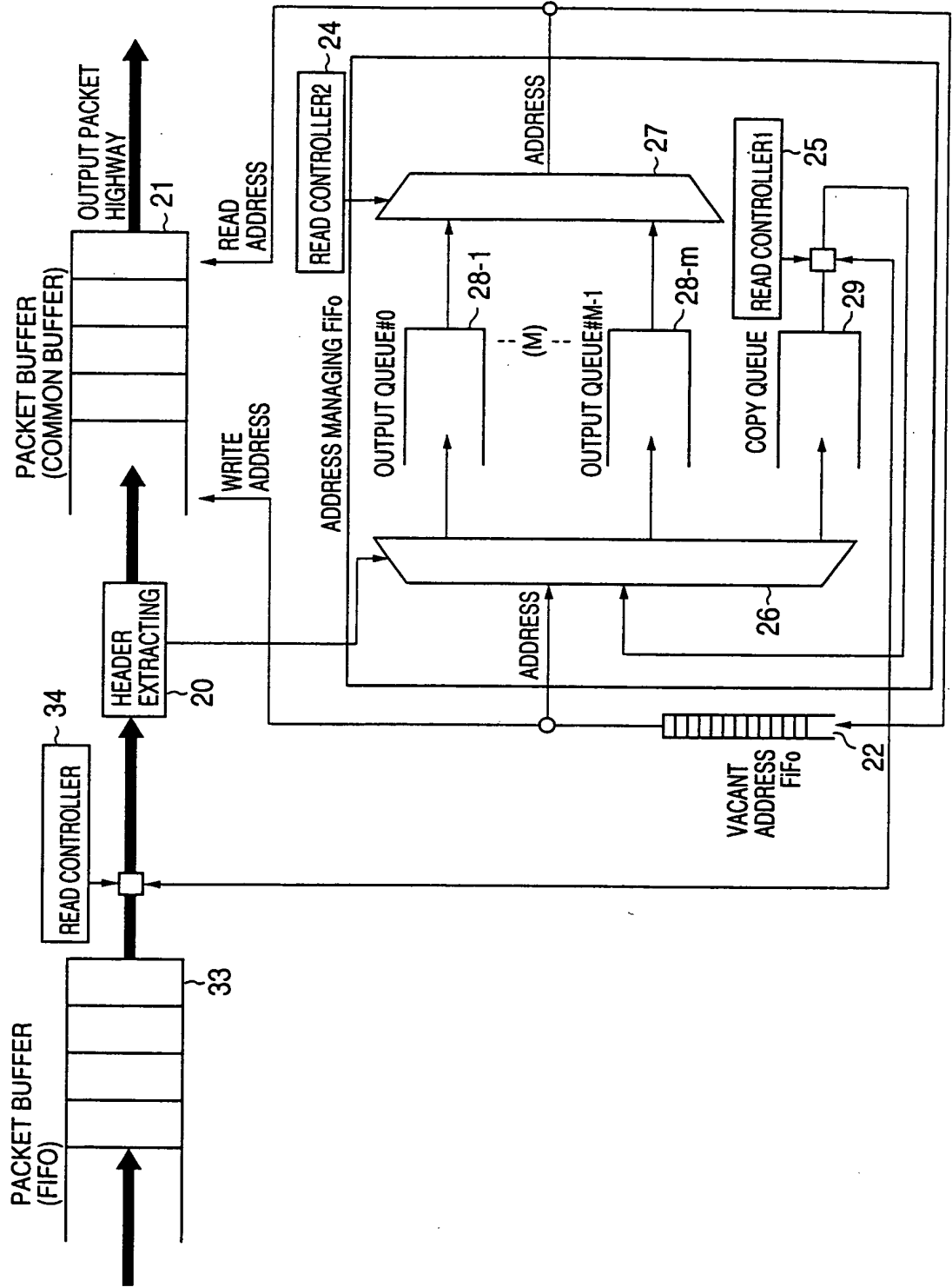


FIG.16

